

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S13 5	2	sputter\$5 and (AgSe or (silver adj selenide)) and ((target or cathode) adj10 temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 15:25
S13 6	1	sputter\$5 and (AgSe or (silver adj selenide)) and ((target or cathode) adj10 temperature)	EPO; JPO; DERWENT	OR	OFF	2007/09/17 15:25
S13 7	1	sputter\$5 and (AgSe or (silver adj selenide)) and ((target or cathode) same temperature)	EPO; JPO; DERWENT	OR	OFF	2007/09/17 15:25
S13 8	8	sputter\$5 and (AgSe or (silver adj selenide)) and ((target or cathode) same temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 15:34
S13 9	3	sputter\$5 and (AgSe or (silver adj selenide)) and ((target or cathode) same cool\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 15:35
S14 0	0	sputter\$5 and (AgSe or (silver adj selenide)) and ((target or cathode) same cool\$5)	EPO; JPO; DERWENT	OR	OFF	2007/09/17 15:35
S14 1	1	sputter\$5 and (selenide) and ((target or cathode) same temperature)	EPO; JPO; DERWENT	OR	OFF	2007/09/17 15:35
S14 2	417	sputter\$5 and (selenide) and ((target or cathode) same temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 15:39
S14 3	74	sputter\$5 and (selenide) and ((target or cathode) adj5 temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 15:49
S14 4	42	sputter\$5 and (chalcogenide) and ((target or cathode) adj5 temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 15:58
S14 6	132	sputter\$5 and ((target or cathode) adj temperature) and (Se or selenide or chalcogenide or AgSe or (silver adj selenide))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:10
S14 7	4	sputter\$5 and ((target or cathode) adj temperature) and (Se or selenide or chalcogenide or AgSe or (silver adj selenide))	EPO; JPO; DERWENT	OR	OFF	2007/09/17 16:11
S14 8	0	sputter\$5 and ((target or cathode) adj temperature) and (calcogen)	EPO; JPO; DERWENT	OR	OFF	2007/09/17 16:11
S14 9	0	sputter\$5 and ((target or cathode) adj temperature) and (chalcogen)	EPO; JPO; DERWENT	OR	OFF	2007/09/17 16:11
S15 0	35	sputter\$5 and (target or cathode) and (chalcogen)	EPO; JPO; DERWENT	OR	OFF	2007/09/17 16:15

## EAST Search History

S15 2	20	sputter\$5 and ((target or cathode) adj5 temperature) and (chalcogen)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:18
S15 3	901	sputter\$5 and ((target or cathode) adj5 temperature) and (ag or se)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:24
S15 4	1	sputter\$5 and ((target or cathode) adj5 cool\$5) and (AgSe or (silver adj selenide))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:25
S15 5	42	sputter\$5 and ((target or cathode) adj5 cool\$5) and (AgSe or (silver adj selenide) or selenide or chalcogen or chalcogenide)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:47
S15 6	4	sputter\$5 and ((target or cathode) adj5 cool\$5) and (AgSe or (silver adj selenide) or selenide or chalcogen or chalcogenide)	EPO; JPO; DERWENT	OR	OFF	2007/09/17 16:33
S15 7	1	"4818357".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:46
S15 8	5	("4057476"   "4283260"   "4417092"   "4465575"   "4647338").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:46
S16 0	212	sputter\$5 and ((copper adj indium dj selenide) or CuInSe) and (AgSe or (silver adj selenide))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:49
S16 1	144	sputter\$5 and ((copper adj indium dj selenide) or CuInSe) and (AgSe or (silver adj selenide)) and (target or cathode)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:50
S16 2	2	sputter\$5 and ((copper adj indium adj selenide) or CuInSe) and (AgSe or (silver adj selenide)) and (target or cathode)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:50
S16 3	4	sputter\$5 and ((copper adj indium adj selenide) or CuInSe) and (AgSe or (silver adj selenide))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:54
S16 4	0	sputter\$5 and ((copper adj indium adj selenide) or CuInSe) and (AgSe or (silver adj selenide))	EPO; JPO; DERWENT	OR	OFF	2007/09/17 16:54
S16 5	4	sputter\$5 and ((copper adj indium adj selenide) or CuInSe) and (AgSe or (silver adj selenide))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:56
S16 6	219	sputter\$5 and (AgSe or (silver adj selenide))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:57

## EAST Search History

S16 7	166	sputter\$5 and (AgSe or (silver adj selenide)) and (Cu or copper) and (In or indium)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 16:57
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## EAST Search History

S16 8	223	("20020000666"   "20020072188"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 17:19
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		"20020123170"   "20020123248"				
		"20020127886"   "20020132417"				
		"20020160551"   "20020163828"				
		"20020168820"   "20020168852"				
		"20020190289"   "20020190350"				
		"20030001229"   "20030015589"				
		"20030027416"   "20030032254"				
		"20030035314"   "20030035315"				
		"20030038301"   "20030043631"				
		"20030045049"   "20030045054"				
		"20030047765"   "20030047772"				
		"20030047773"   "20030048519"				
		"20030048744"   "20030049912"				
		"20030068861"   "20030068862"				
		"20030095426"   "20030096497"				
		"20030107105"   "20030117831"				
		"20030128612"   "20030137869"				
		"20030143782"   "20030155606"				
		"20030156447"   "20030156463"				
		"20030212724"   "20030212725"				
		"20040035401"   "3271591"				
		"3622319"   "3743847"   "3753110"				
		"3961314"   "3966317"   "3983542"				
		"3988720"   "4115872"   "4177474"				
		"4203123"   "4267261"   "4269935"				
		"4276368"   "4312938"   "4316946"				
		"4320191"   "4405710"   "4419421"				
		"4499557"   "4597162"   "4608296"				
		"4637895"   "4646266"   "4664939"				
		"4668968"   "4670763"   "4671618"				
		"4673957"   "4678679"   "4696758"				
		"4698234"   "4710899"   "4728406"				
		"4737379"   "4766471"   "4769338"				
		"4775425"   "4788594"   "4795657"				
		"4800526"   "4809044"   "4818717"				
		"4843443"   "4845533"   "4847674"				
		"4853785"   "4891330"   "5128099"				
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		"5335219"   "5341328"   "5350484"				
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		"5406509").PN. OR ("5414271"				
		"5418640"   "5500532"   "5512328"				
		"5512773"   "5534711"   "5534712"				
		"5536947"   "5543737"   "5591501"				
		"5596522"   "5687112"   "5694054"				
		"5714768"   "5726083"   "5751012"				
		"5761115"   "5789277"   "5814527"				
		"5818749"   "5825046"   "5841150"				
		"5846889"   "5851882"   "5869843"				
		"5896312"   "5912839"   "5914893"				
		"5920788"   "5933365"   "5952671"				
		"5998066"   "6011757"   "6031287"				
9/18/07	8:04:12 AM	"6072716"   "6077729"   "6084796"				Page 4
		"6087674"   "6117720"   "6141241"				
		"6143604"   "6177338"   "6236050"				

## EAST Search History

S16 9	3	(silver adj selenide) and sputter\$5	EPO; JPO; DERWENT	OR	OFF	2007/09/17 17:20
S17 0	89	(selenide) and sputter\$5	EPO; JPO; DERWENT	OR	OFF	2007/09/17 17:20
S17 1	16	(selenide) and sputter\$5 and (Ag or silver)	EPO; JPO; DERWENT	OR	OFF	2007/09/17 17:22
S17 2	555	sputter\$5 and ((Ag or silver) same (selenide))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 17:22

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	220	((silver adj selenide) or AgSe) and sputter\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/18 08:39
S2	134	("Ag.sub.2Se") and sputter\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/18 08:33
S3	44	("Ag.sub.2Se") same sputter\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/18 08:33
S4	1	"6826144".pn. and (sputter\$5 same semiconductor)	USPAT	OR	OFF	2007/09/18 08:38
S5	1	"6826144".pn. and (sputter\$5 same semiconductor)	USPAT	OR	OFF	2007/09/18 08:39
S6	3	((silver adj selenide) or AgSe or "Ag.sub.2.Se") and sputter\$5	EPO; JPO; DERWENT	OR	OFF	2007/09/18 08:42
S7	60	(sputter\$5 same Ag) and (Sputter\$5 same Se) and (Ag same Se)	EPO; JPO; DERWENT	OR	OFF	2007/09/18 08:48
S8	134	(sputter\$5 same Ag) and (Sputter\$5 same Se) and (Ag same Se)	USPAT; USOCR	OR	OFF	2007/09/18 08:58
S9	1	"5534711".pn.	USPAT; USOCR	OR	OFF	2007/09/18 09:01
S10	0	"5534711".pn. and semicodncutor	USPAT; USOCR	OR	OFF	2007/09/18 09:01
S11	1	"5534711".pn. and semiconductor	USPAT; USOCR	OR	OFF	2007/09/18 09:43
S12	0	"4818357".pn. and magnet\$5	USPAT; USOCR	OR	OFF	2007/09/18 09:45
S13	1	"4818357".pn. and cool\$5	USPAT; USOCR	OR	OFF	2007/09/18 11:28
S14	85	204/298.01-298.41.ccls. and (magnetron same position\$5) and (position\$5 same temperature)	USPAT; USOCR	OR	OFF	2007/09/18 11:29
S15	77	204/298.01-298.29.ccls. and (magnetron same position\$5) and (position\$5 same temperature)	USPAT; USOCR	OR	OFF	2007/09/18 11:30
S16	55	204/298.01-298.29.ccls. and (magnetron same position\$5) and (position\$5 same temperature) and (temperature same magnetron)	USPAT; USOCR	OR	OFF	2007/09/18 11:35
S17	24	204/298.01-298.29.ccls. and (magnetron same position\$5) and (position\$5 same temperature) and (temperature same magnetron)	US-PGPUB	OR	OFF	2007/09/18 11:36

## EAST Search History

S18	109	(magnetron same position\$5) and (position\$5 same temperature) and (temperature same magnetron)	EPO; JPO; DERWENT	OR	OFF	2007/09/18 11:37
S19	5	(magnetron same position\$5) and (position\$5 same temperature) and (temperature same magnetron) and sputter\$5	EPO; JPO; DERWENT	OR	OFF	2007/09/18 11:37
S20	801	magnet\$5 and temperature and sputter\$5	EPO; JPO	OR	OFF	2007/09/18 11:39
S21	749	magnet\$5 and temperature and sputter\$5	JPO	OR	OFF	2007/09/18 11:39
S22	39	magnet\$5 and temperature and sputter\$5 and (position\$5 or move or moving or translate or translating)	JPO	OR	OFF	2007/09/18 11:40
S23	39	magnet\$5 and temperature and sputter\$5 and (position\$5 or move or moving or translate or translating)	JPO	OR	OFF	2007/09/18 11:41
S24	0	204/298.09.ccls. and balck	JPO	OR	OFF	2007/09/18 11:41
S25	12	204/298.09.ccls. and black	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/18 11:42
S26	9	("3977955").URPN.	USPAT	OR	OFF	2007/09/18 11:47